



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Robert J. SMALL

Confirmation No. 4672

Application No.: 10/802,780

Art Unit: 1746

Filed: March 18, 2004

Examiner:

For: RESIDUE REMOVERS FOR
ELECTROHYDRODYNAMIC
CLEANING OF SEMICONDUCTORS

Atty Docket No.: 060937-0178-US

POWER OF ATTORNEY BY ASSIGNEE

The undersigned Assignee of the entire interest in the above-identified application hereby grants power of attorney to the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to:

Customer Number 009629
Patent Support Unit
Morgan, Lewis & Bockius LLP
1111 Pennsylvania Avenue, N.W.
Washington, D.C. 20004
202.739.3001 (facsimile)

Please direct all telephone calls to Christopher G. Hayden 202-739-3000.

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

I am the:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.
- The extent (by, percentage) of its ownership interest is %

in the patent application/patent identified above by virtue of an Assignment from the inventor(s) of the patent application identified above, and a separate copy of which is being submitted this day for recordal at the United States Patent and Trademark Office.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

EKC Technology, Inc.

By:

Date: 18 June 2004

Michael A. Fury

Michael A. Fury

Printed Name

Title: Vice President R & D

2520 Barrington Court

Hayward, California 94545-1163

DECLARATION FOR NON-PROVISIONAL PATENT APPLICATION*

As a below named inventor, I hereby declare that:

 & TRADEMARKS

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

RESIDUE REMOVERS FOR ELECTROHYDRODYNAMIC CLEANING OF SEMICONDUCTORS

and for which a patent application:

- is attached hereto and includes amendment(s) filed on (if applicable)
- was filed in the United States on March 18, 2004 and is identified by Morgan, Lewis & Bockius LLP Docket 60937-0178-US, and U.S. Patent Application Serial No. 10/802,780

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION				
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	
			YES <input type="checkbox"/>	NO <input type="checkbox"/>
			YES <input type="checkbox"/>	NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

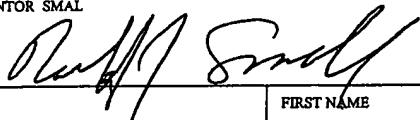
PROVISIONAL APPLICATION NUMBER	FILING DATE
60/455,439	March 18, 2003

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

NON-PROVISIONAL APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

* for use only when the application is assigned to a company, partnership or other organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

2 0 1	FULL NAME OF INVENTOR	LAST NAME SMALL	FIRST NAME Robert	MIDDLE NAME J.	
	RESIDENCE & CITIZENSHIP	CITY Tucson	STATE OR FOREIGN COUNTRY AZ	COUNTRY OF CITIZENSHIP United States	
	POST OFFICE ADDRESS	STREET 5198 S. Civano Boulevard	CITY Tucson	STATE OR COUNTRY AZ	ZIP CODE 85747
		SIGNATURE OF INVENTOR SMAL 		DATE June 21, 2004	
2 0 2	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
		SIGNATURE OF INVENTOR L		DATE	
2 0 3	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
		SIGNATURE OF INVENTOR 203		DATE	
2 0 4	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
		SIGNATURE OF INVENTOR 204		DATE	



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Application of: Robert J. SMALL

Application No.: 10/802,780

Art Unit:

Filed: March 18, 2003

Examiner:

For: **RESIDUE REMOVERS FOR
ELECTROHYDRODYNAMIC
CLEANING OF SEMICONDUCTORS**

Atty Docket No.: 060937-0178-US

REQUEST FOR CORRECTED NOTICE OF RECORDATION

U.S. Patent and Trademark Office
220 20th Street, Customer Window
Crystal Plaza Two, Room 1B03
Arlington, Virginia 22202

Sir:

On the attached Notice of Recordation of Assignment Document, it is noted that the document filed was a "Security Agreement" when in reality an Assignment was submitted which was the item checked on the PTO-1595. The recordal sheet, the originally submitted PTO-1595, and a copy of the original Assignment are attached for the convenience of the Office.

It is respectfully requested that the U.S. Patent and Trademark Office provide a corrected Notice of Recordation of Assignment Document to the undersigned.

No fee is due as this correction is being filed within the appropriate time period, i.e., one (1) month; however, should any fees be deemed necessary, please charge any additional fees to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310.

Respectfully submitted,

July 16, 2004

By:


Christopher G. Hayden Reg. No. 44,750
MORGAN, LEWIS & BOCKIUS LLP
1111 Pennsylvania Avenue, N.W.
Washington, D.C. 20004
Tel: 202-739-3000
Fax: 202-739-3001

VN6 | CGF



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



JULY 01, 2004

PTAS

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60937-0178

MORGAN, LEWIS & BOCKIUS LLP
CHRISTOPHER G. HAYDEN
1111 PENNSYLVANIA AVENUE, N.W.
WASHINGTON, D.C. 20004

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/30/2004

REEL/FRAME: 014801/0864
NUMBER OF PAGES: 2

ASSIGNMENT

BRIEF: SECURITY AGREEMENT
DOCKET NUMBER: 60937-0178-US

ASSIGNOR:

SMALL, ROBERT J.

DOC DATE: 06/21/2004

ASSIGNEE:

EKC TECHNOLOGY, INC.
2520 BARRINGTON COURT
HAYWARD, CALIFORNIA 94545-1163

SERIAL NUMBER: 10802780

FILING DATE: 03/18/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: RESIDUE REMOVERS FOR ELECTROHYDRODYNAMIC CLEANING OF SEMICONDUCTORS

RECEIVED

JUL 09 2004

MORGAN, LEWIS & BOCKIUS LLP

DOCKETED
By BB Date 7-9-04

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LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

(WED) 6. 30' 04 15:34/ST. 15:33/NO. 4860704440 P 2
06/30/2004
700095589RECORDATION FORM COVER SHEET
PATENTS ONLYAtty Docket Number
60937-0178-US

Mail Stop Assignment Recordation Services
 Director of the United States Patent and Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Robert J. SMALL	2. Name and address of receiving party(ies): Name: EKC Technology, Inc. Address: 2520 Barrington Court Hayward, California 94545-1163
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment Merger <input type="checkbox"/> Security Agreement Change of Name <input type="checkbox"/> Other	Country (if other than USA):
Execution Date: June 21, 2004	

4. Application number(s) or patent number(s): **10/802,780**

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Morgan, Lewis & Bockius LLP 1111 Pennsylvania Avenue, N.W. Washington, D.C. 20004	6. Number of applications and patents involved: 1
7. Total fee (37 CFR 3.41):\$ 40.00 Please charge to the deposit account listed in Section 8.	
8. Deposit account number: 50-0310	

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Christopher G. Hayden
Name of Person Signing44,750
Reg. No.

June 30, 2004
DateTotal number of pages including cover sheet: **2**

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
 Director of the United States Patent and Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

CH \$40.00 500310 10802780

SOLE

ASSIGNMENT

WHEREAS, I, ROBERT J. SMALL, ASSIGNOR, citizen of the United States, residing at 5198 S. Civano Boulevard Tucson, Arizona 85747, is the inventor of the invention in **RESIDUE REMOVERS FOR ELECTROHYDRODYNAMIC CLEANING OF SEMICONDUCTORS** for which we have executed an application for a Patent of the United States

- which is executed on even date herewith or
 which is identified by Morgan, Lewis & Bockius LLP Docket No. 060937-0178-US
 which was filed on **March 18, 2004**, and has been assigned Application Serial No. **10/802,780**
 We hereby authorize and request our attorney, , of Pennie & Edmonds, LLP, , to insert here in parentheses (Application number. filed) the filing date and application number of said application when known.

and WHEREAS, EKC TECHNOLOGY, INC., ASSIGNEE, having a place of business at 2520 Barrington Court, Hayward, California 94545-1163 is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, has sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal, the day and year set opposite my respective signature.

Date June 21, 2004

~~Robert J. SMALL~~

L.S.

State of Arizona.)

) SS.:
O

County of Pima)

On June 21st, 2004, before me, Jessica, Robert J. SMALL, personally known to me on the basis of satisfactory instrument and acknowledged to me that he executed the same in his author or the entity upon behalf of which the person acted, executed the instrument.

~~WITNESS~~ my hand and official seal

